<u>RAW SEQUENCE LISTING</u>

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/567,557_
Source: _1FWP_
Date Processed by STIC: _8/14/06_

ENTERED

IFWP

RAW SEQUENCE LISTING   DATE: 08/14/2006
PATENT APPLICATION: US/10/567,557   TIME: 13:03:53

Input Set : A:\065691-0434sequencetext.txt
Output Set: N:\CRF4\08142006\J567557.raw

```
     3 <110> APPLICANT: AB Science
     4        MOUSSY, Alain
     5        KINET, Jean-Pierre
     7 <120> TITLE OF INVENTION: Use of c-kit inhibitors for treating type II
diabetes
     9 <130> FILE REFERENCE: D 21538
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/567,557
C--> 12 <141> CURRENT FILING DATE: 2006-02-08
    14 <150> PRIOR APPLICATION NUMBER: US 60/495,088
    15 <151> PRIOR FILING DATE: 2003-08-15
    17 <160> NUMBER OF SEQ ID NOS: 5
    19 <170> SOFTWARE: PatentIn Ver. 2.1
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 976
    23 <212> TYPE: PRT
    24 <213> ORGANISM: Homo sapiens
    26 <220> FEATURE:
    27 <223> OTHER INFORMATION: Human c-kit
    29 <400> SEQUENCE: 1
    30 Met Arg Gly Ala Arg Gly Ala Trp Asp Phe Leu Cys Val Leu Leu Leu
    31   1               5                  10                  15
    33 Leu Leu Arg Val Gln Thr Gly Ser Ser Gln Pro Ser Val Ser Pro Gly
    34              20                  25                  30
    36 Glu Pro Ser Pro Pro Ser Ile His Pro Gly Lys Ser Asp Leu Ile Val
    37          35                  40                  45
    39 Arg Val Gly Asp Glu Ile Arg Leu Leu Cys Thr Asp Pro Gly Phe Val
    40          50                  55                  60
    42 Lys Trp Thr Phe Glu Ile Leu Asp Glu Thr Asn Glu Asn Lys Gln Asn
    43  65                  70                  75                  80
    45 Glu Trp Ile Thr Glu Lys Ala Glu Ala Thr Asn Thr Gly Lys Tyr Thr
    46              85                  90                  95
    48 Cys Thr Asn Lys His Gly Leu Ser Asn Ser Ile Tyr Val Phe Val Arg
    49              100                 105                 110
    51 Asp Pro Ala Lys Leu Phe Leu Val Asp Arg Ser Leu Tyr Gly Lys Glu
    52          115                 120                 125
    54 Asp Asn Asp Thr Leu Val Arg Cys Pro Leu Thr Asp Pro Glu Val Thr
    55      130                 135                 140
    57 Asn Tyr Ser Leu Lys Gly Cys Gln Gly Lys Pro Leu Pro Lys Asp Leu
    58 145                 150                 155                 160
    60 Arg Phe Ile Pro Asp Pro Lys Ala Gly Ile Met Ile Lys Ser Val Lys
    61              165                 170                 175
    63 Arg Ala Tyr His Arg Leu Cys Leu His Cys Ser Val Asp Gln Glu Gly
    64              180                 185                 190
    66 Lys Ser Val Leu Ser Glu Lys Phe Ile Leu Lys Val Arg Pro Ala Phe
```

```
67          195               200               205
69 Lys Ala Val Pro Val Val Ser Val Ser Lys Ala Ser Tyr Leu Leu Arg
70     210               215               220
72 Glu Gly Glu Glu Phe Thr Val Thr Cys Thr Ile Lys Asp Val Ser Ser
73 225               230               235               240
75 Ser Val Tyr Ser Thr Trp Lys Arg Glu Asn Ser Gln Thr Lys Leu Gln
76               245               250               255
78 Glu Lys Tyr Asn Ser Trp His His Gly Asp Phe Asn Tyr Glu Arg Gln
79               260               265               270
81 Ala Thr Leu Thr Ile Ser Ser Ala Arg Val Asn Asp Ser Gly Val Phe
82     275               280               285
84 Met Cys Tyr Ala Asn Asn Thr Phe Gly Ser Ala Asn Val Thr Thr Thr
85     290               295               300
87 Leu Glu Val Val Asp Lys Gly Phe Ile Asn Ile Phe Pro Met Ile Asn
88 305               310               315               320
90 Thr Thr Val Phe Val Asn Asp Gly Glu Asn Val Asp Leu Ile Val Glu
91               325               330               335
93 Tyr Glu Ala Phe Pro Lys Pro Glu His Gln Gln Trp Ile Tyr Met Asn
94               340               345               350
96 Arg Thr Phe Thr Asp Lys Trp Glu Asp Tyr Pro Lys Ser Glu Asn Glu
97     355               360               365
99 Ser Asn Ile Arg Tyr Val Ser Glu Leu His Leu Thr Arg Leu Lys Gly
100     370               375               380
102 Thr Glu Gly Gly Thr Tyr Thr Phe Leu Val Ser Asn Ser Asp Val Asn
103 385               390               395               400
105 Ala Ala Ile Ala Phe Asn Val Tyr Val Asn Thr Lys Pro Glu Ile Leu
106               405               410               415
108 Thr Tyr Asp Arg Leu Val Asn Gly Met Leu Gln Cys Val Ala Ala Gly
109               420               425               430
111 Phe Pro Glu Pro Thr Ile Asp Trp Tyr Phe Cys Pro Gly Thr Glu Gln
112     435               440               445
114 Arg Cys Ser Ala Ser Val Leu Pro Val Asp Val Gln Thr Leu Asn Ser
115     450               455               460
117 Ser Gly Pro Pro Phe Gly Lys Leu Val Val Gln Ser Ser Ile Asp Ser
118 465               470               475               480
120 Ser Ala Phe Lys His Asn Gly Thr Val Glu Cys Lys Ala Tyr Asn Asp
121               485               490               495
123 Val Gly Lys Thr Ser Ala Tyr Phe Asn Phe Ala Phe Lys Gly Asn Asn
124               500               505               510
126 Lys Glu Gln Ile His Pro His Thr Leu Phe Thr Pro Leu Leu Ile Gly
127     515               520               525
129 Phe Val Ile Val Ala Gly Met Met Cys Ile Ile Val Met Ile Leu Thr
130     530               535               540
132 Tyr Lys Tyr Leu Gln Lys Pro Met Tyr Glu Val Gln Trp Lys Val Val
133 545               550               555               560
135 Glu Glu Ile Asn Gly Asn Asn Tyr Val Tyr Ile Asp Pro Thr Gln Leu
136               565               570               575
138 Pro Tyr Asp His Lys Trp Glu Phe Pro Arg Asn Arg Leu Ser Phe Gly
139               580               585               590
```

```
141 Lys Thr Leu Gly Ala Gly Ala Phe Gly Lys Val Val Glu Ala Thr Ala
142         595             600             605
144 Tyr Gly Leu Ile Lys Ser Asp Ala Ala Met Thr Val Ala Val Lys Met
145     610             615             620
147 Leu Lys Pro Ser Ala His Leu Thr Glu Arg Glu Ala Leu Met Ser Glu
148 625             630             635             640
150 Leu Lys Val Leu Ser Tyr Leu Gly Asn His Met Asn Ile Val Asn Leu
151             645             650             655
153 Leu Gly Ala Cys Thr Ile Gly Gly Pro Thr Leu Val Ile Thr Glu Tyr
154             660             665             670
156 Cys Cys Tyr Gly Asp Leu Leu Asn Phe Leu Arg Arg Lys Arg Asp Ser
157     675             680             685
159 Phe Ile Cys Ser Lys Gln Glu Asp His Ala Glu Ala Ala Leu Tyr Lys
160     690             695             700
162 Asn Leu Leu His Ser Lys Glu Ser Ser Cys Ser Asp Ser Thr Asn Glu
163 705             710             715             720
165 Tyr Met Asp Met Lys Pro Gly Val Ser Tyr Val Val Pro Thr Lys Ala
166             725             730             735
168 Asp Lys Arg Arg Ser Val Arg Ile Gly Ser Tyr Ile Glu Arg Asp Val
169             740             745             750
171 Thr Pro Ala Ile Met Glu Asp Asp Glu Leu Ala Leu Asp Leu Glu Asp
172     755             760             765
174 Leu Leu Ser Phe Ser Tyr Gln Val Ala Lys Gly Met Ala Phe Leu Ala
175     770             775             780
177 Ser Lys Asn Cys Ile His Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu
178 785             790             795             800
180 Thr His Gly Arg Ile Thr Lys Ile Cys Asp Phe Gly Leu Ala Arg Asp
181             805             810             815
183 Ile Lys Asn Asp Ser Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro
184             820             825             830
186 Val Lys Trp Met Ala Pro Glu Ser Ile Phe Asn Cys Val Tyr Thr Phe
187         835             840             845
189 Glu Ser Asp Val Trp Ser Tyr Gly Ile Phe Leu Trp Glu Leu Phe Ser
190     850             855             860
192 Leu Gly Ser Ser Pro Tyr Pro Gly Met Pro Val Asp Ser Lys Phe Tyr
193 865             870             875             880
195 Lys Met Ile Lys Glu Gly Phe Arg Met Leu Ser Pro Glu His Ala Pro
196             885             890             895
198 Ala Glu Met Tyr Asp Ile Met Lys Thr Cys Trp Asp Ala Asp Pro Leu
199             900             905             910
201 Lys Arg Pro Thr Phe Lys Gln Ile Val Gln Leu Ile Glu Lys Gln Ile
202         915             920             925
204 Ser Glu Ser Thr Asn His Ile Tyr Ser Asn Leu Ala Asn Cys Ser Pro
205     930             935             940
207 Asn Arg Gln Lys Pro Val Val Asp His Ser Val Arg Ile Asn Ser Val
208 945             950             955             960
210 Gly Ser Thr Ala Ser Ser Ser Gln Pro Leu Leu Val His Asp Asp Val
211             965             970             975
217 <210> SEQ ID NO: 2
```

RAW SEQUENCE LISTING   DATE: 08/14/2006
PATENT APPLICATION: US/10/567,557   TIME: 13:03:53

Input Set : A:\065691-0434sequencetext.txt
Output Set: N:\CRF4\08142006\J567557.raw

```
218 <211> LENGTH: 30
219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Primer
225 <400> SEQUENCE: 2
226 aagaagagat ggtacctcga ggggtgaccc                          30
229 <210> SEQ ID NO: 3
230 <211> LENGTH: 33
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapiens
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Primer
237 <400> SEQUENCE: 3
238 ctgcttcgcg gccgcgttaa ctcttctcaa cca                      33
241 <210> SEQ ID NO: 4
242 <211> LENGTH: 20
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Primer
249 <400> SEQUENCE: 4
250 agctcgttta gtgaaccgtc                                     20
253 <210> SEQ ID NO: 5
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Primer
W--> 260 <400> SEQUENCE: 5
261 gtcagacaaa atgatgcaac                                     20
```

VERIFICATION SUMMARY   DATE: 08/14/2006
PATENT APPLICATION: US/10/567,557   TIME: 13:03:54

Input Set : A:\065691-0434sequencetext.txt
Output Set: N:\CRF4\08142006\J567557.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application
Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:260 M:283 W: Missing Blank Line separator, <400> field identifier